

A CONSPECTUS OF NEW RECORDS AND NOMENCLATURE FOR VASCULAR PLANTS IN VICTORIA 2. 1978-EARLY 1980.

by

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INTRODUCTION

This conspectus presents a comprehensive list of names, references and new records that have a bearing on the known vascular flora of Victoria and which update information given in Willis (1970, 1973) and in part 1 of this series (Todd, 1979, q.v.).

The information given here follows the same form as that given in part 1. Two additional grid references for localities are now used, i.e. O5 and O6 for the two ten-minute grid divisions into which the tip of Wilson's Promontory falls.

NEW RECORDS—INDIGENOUS PLANTS

Apium annuum P. S. Short, *J. Adelaide Bot. Gard.* 1: 230(1979). Umbelliferae. N50, 3 km SE of Laverton, *T. B. Muir* 5651, 25.xi.1977 (MEL 1510745).

Apium insulare P. S. Short, *J. Adelaide Bot. Gard.* 1: 228(1979). Umbelliferae. O6, Wattle Id. (off Wilson's Prom.), *Dr. Norman's group* (Dept. Fisheries & Wildlife) 37, late 1979 (MEL).

Apium prostratum Labill. ex Vent. ssp. **prostratum** var. **filiforme** (A. Rich.) Kirk, *Stud. Fl. New Zealand* 196(1899). Basionym: *Petroselinum filiforme* A. Rich., *Fl. Nouv.-Zélande* in Lesson and Richard Voy. l'Astrolabe. Bot. 278(1832). Umbelliferae. P. S. Short (l.c. 224-227) records this for Victoria. EKNPTWZ.

Apium prostratum ssp. **prostratum** var. **prostratum** is also in Victoria (Short, l.c.: 220-224). EKNT.

Aristida browniana Henrard, *Meded. Rijks-Herb.* 54B: 63(1926) and 58: 108, t. 38(1929). Gramineae. F47, 10 km WSW of Annuello, *J. Onans*, 22. viii. 1979 (MEL).

Baeckea ramosissima A. Cunn. ssp. **prostrata** (Hook.f.) G. W. Carr, *Telopea* 1: 416(1980). Basionym: *B. prostrata* Hook.f., Hook. Icon. Pl. 3(2): t. 284(1840). Myrtaceae. DKOPWZ.

Baeckea ramosissima ssp. **ramosissima** is also recorded for Victoria by Carr (l.c. 414-415). DEHJMNRST.

Caladenia pusilla W. M. Curtis, *Stud. Fl. Tas.* 4A: 133(1980). Orchidaceae. Occurs in S.A., N.S.W., Vic., and Tas.

Croton verreauxii Baillon, *Étude Gén. Euphorbiacées*: 357(1858); Muell.-Arg. in *Linnaea* 34: 117(1865). Euphorbiaceae. Z23, beside Back Creek (between Mt.

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Muelleria 4(4): 429-438 (1981).

- Kaye & Noorinbee North), *W. Cane*, 1972. MEL holds fruiting material collected in 1979 from a bush grown in Miss J. Galbraith's garden at Tyers from a cutting collected by Cane at Back Creek in 1972.
- Danthonia monticola** J. W. Vickery, *Contr. N.S.W. Natl Herb.* 1: 299(1950). Gramineae. Grids CDJZ including J19, Grampians, Major Mitchell Plateau, above 2,800 ft., *A. C. Beaglehole ACB 16509*, 10.xii.1967 (MEL).
- Deyeuxia decipiens** (R.Br.) J. W. Vickery, *Contr. N.S.W. Natl Herb.* 1:70 (1940). Basionym: *Agrostis decipiens* R.Br., *Prodr. Fl. Novae Holl.* 172(1810). Gramineae. K27, the Otways, Benwerrin (NNW of Lorne), *A.C. Beaglehole ACB 43909*, 3.i.1974 (MEL).
- Diplachne parviflora** (R.Br.) Benth., *Fl. Austr.* 7: 620(1878). Basionym: *Triodia parviflora* R.Br., *Prodr. Fl. Novae Holl.* 182(1810). Gramineae. A16, 14th Street, Mildura, on a block of land on which a house has recently been built, *A. Bassham*, May, ?1978 (MEL).
- Dysphania simulans** F. Muell. & Tate ex Tate, *Trans. & Proc. Roy. Soc. S. Aust.* 8: 71(1886). Chenopodiaceae. A33, 21.8 km W of Nowingi, *J. H. Browne*, 29.vii.1979 (MEL).
- Haloragis eichleri** A. E. Orchard, *Bull. Auckland Inst. Mus.* No. 10: 88 (1975). Haloragaceae. E22, Cape Nelson Park, 9 km SSW of Portland P.O., very rare, *A. C. Beaglehole ACB 55368*, 14.xii.1976 (MEL).
- Juncus aridicola** L. A. S. Johnson in Black, *Fl. S. Aust.*, ed. 3, pt 1 (revised Jessop): 322 (1978). Juncaceae. Grids AFGMR.
- Juncus continuus** L.A.S. Johnson, l.c. 325. Juncaceae. Grids RSTWZ.
- Juncus flavidus** L.A.S. Johnson, l.c. 325. Juncaceae. Grids ABCDGH JKMNPRSVWZ.
- Koeleria australiensis** Domin, *Biblioth. Bot.* 65: 127(1907). Gramineae. S16, Butcher's Spur on watershed between Macalister & Caledonia Rivers, *E. A. Chesterfield*, 19.xi.1973 (MEL). N. T. Burbidge (herbarium annotation) and J. Vickery query whether this species is truly endemic at this site.
- Lomandra dura** (F. Muell.) A. J. Ewart, *Proc. Roy. Soc. Vict.* 28: 219 (1916). Basionym: *Xerotes dura* F. Muell., *Trans. & Proc. Vict. Inst. Advancem. Sci.* 42(1855). Liliaceae. Q46, Murray Valley Highway, between Strathmerton and Yarroweyah, *T. B. Muir 4710*, 8.x.1969 (MEL).
- Mirbelia rubiifolia** (Andr.) G. Don, *Gen. Syst. Gard. Bot.* 2: 126(1832). Basionym: *Pultenaea rubiaefolia* Andr., *Bot. Repos. t.* 351(1804). Papilionaceae. Z35, circa 10 km SSW of Mallacoota, Philip Smith 19.i.1979 (MEL).
- Najas marina** L., *Spec. Pl.* 1015(1753). Najadaceae. Z40, Swan Lake, NE of Sydenham Inlet, *A. Corrick & K. Bode*, 7.xii.1978 (MEL). See Aston, *Vict. Nat.* 96: 67(1979).
- Prostanthera incana** A. Cunn. ex Benth., *Labiatarum Genera Spec.* 455(1832-1836). Labiatae. W? 20, Macdonalds Gap Road about 4 km from Dargo, *W. Cane*, 18.xi.1979 (MEL).
- Sclerolaena intricata** (R. H. Anderson) A. J. Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89: 113(1978). Basionym: *Bassia intricata* R. H. Anderson, *Proc. Linn. Soc. N.S.W.* 48: 340(1923). Chenopodiaceae. A2, 1.6 km NW of Lake Walla-Walla, *J. H. Browne*, 1.x.1978 (MEL).
- Sclerolaena ventricosa** (J. M. Black) A. J. Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89: 114(1978). Chenopodiaceae. A15, 11.5 km SW of Wentworth, *J. H. Browne*, 8.ix.1979 (MEL 558665).
- Solenogyne dominii** L. G. Adams, *Brunonia* 2: 58(1979). Synonym: *Lagenophora [gunnii?] var. glabra* Domin, *Biblioth. Bot.* 89: 653(1929)—nom. inval. Compositae. Grids CJKMN e.g. K14, Mt. Gellibrand, *F. Muell.* (date ?) (MEL 36730-36732).
- Veronica hillebrandii** F. Muell., *Trans. Philos Soc. Vict.* 1: 49(1855). Scrophulariaceae. E21, Portland, Bridgewater, *A. Taylor* (for A. C. Beaglehole) *ACB 8400*, x.1946 (MEL).

NEW RECORDS—INTRODUCED SPECIES

All species listed have been found growing spontaneously in Victoria at least once in recent years. An asterisk (*) denotes those which seem to have become naturalized.

- ***Amaranthus powellii** S. Watson, *Proc. Amer. Acad. Arts* 10: 347 (1875). Amaranthaceae. Grids MNVWZ, including M27, Shepparton, open paddock R. V. Smith 64/122, 19.v.1964 (MEL).
- ***Bidens pilosa** L., Spec. P1. 832(1753). Compositae. Grids ANX, including A45, Hattah Lakes National Park (house area), G. W. Anderson, 30.ix.1969 (MEL).
- Cerastium semidecandrum** L., Spec. P1. 438(1753). Caryophyllaceae. E12/E13/E21/E22, Portland—Bats' Ridges, A. C. Beauglehole ACB 19959, 5.x.1950 (MEL).
- Cestrum elegans** (Brongn.) Schlecht., *Linnaea* 19: 261(1847). Basionym: *Habrothamnus elegans* Brongn. ex Neumann, *Ann. Fl. Pomone*, 118 (1844). Solanaceae. (The specimens going under this name in Australian gardens have hairs on the outer surface of the upper part (limb) of the corolla. These hairs are not mentioned for *C. elegans* in Francey's revision in *Candollea* 6: 123(1935)). N54, Sassafras Creek, beside Sassafras Creek Road, G. Edwards, 14.i.1979 (MEL).
- ***Hydrocleys nymphoides** (H. & B. ex Willd.) Buch. in *Abh. Naturwiss. Vereine Bremen* 2: 2(1868). Basionym: *Stratiotes nymphoides* H. & B. ex Willd. Linn. Spec. P1. 4: 821(1806). Butomaceae. Grids S45 and W37 (one population about 1 km long in a gully 17 km N of Maffra). Known to have originated from material planted upstream 10-15 years previously. See Aston & Jacobs, *Muelleria* 4: 285-293(1980).
- Hydrocotyle bonariensis** Lam., *Encycl. Meth. Bot.* 3: 153(1789). Umbelliferae. Z38, Cape Conran, P. Rennick, 12.xii.1978 (MEL).
- ***Plantago australis** Lam., *Tableau Encycl. Meth.* 1: 339(1792). Plantaginaceae. Grids K,N,T including N45, Woori Yallock Creek, \pm 2 km SW of Yellingbo, A. C. Beauglehole ACB 50433, 23.iii.1976 (MEL).
- Pontederia cordata** L., Spec. P1. 288(1753). Pontederiaceae. Grids D and P. See Aston, *Vict. Nat.* 96: 67-69(1979).
- Salvia aurea** L., Spec. P1., ed. 2, 38(1762). Labiatae. E26, Port Fairy on East beach, A. Arnold, 13 or 14.xi.1978 (MEL).

CHANGES OF NOMENCLATURE

Inclusion of a name on this list does not necessarily imply that the associated nomenclatural change is taxonomically acceptable to the present author, or to other taxonomists.

Acacia armata R.Br. See *A. paradoxa*.

Acacia x grayana J. H. Willis. Confirmed as hybrids between *A. brachybotrya* Benth. and *A. calamifolia* Sweet ex Lindley on the basis of morphology, chemistry and ecology. See Leach & Whiffin, *Bot. J. Linn. Soc.* 76: 53-69(1978).

Acacia longifolia (Andrews) Willd. var. *sophorae* (Labill.) F. Muell. Considered a distinct species, *A. sophorae*, q.v.

Acacia paradoxa DC., Cat. Pl. Horti Bot. Monspel. 74(Mar.1813). Synonym: *A. armata* R.Br. in Ait., *Hortus Kewensis* ed. 2, 5: 463(Dec.1813), teste Pedley, *Austrobaileya* 1: 250(1979).

Acacia sophorae (Labill.) R.Br., regarded as a separate species from *A. longifolia* (Andrews) Willd. by Murray, Ashcroft, Seppelt and Lennox (*Austral. J. Bot.* 26: 756(1978)) on the basis of differences in chemical constituents.

- Apium leptophyllum** (Pers.) F. Muell. See *Ciclospermum leptophyllum*.
Arthrocnemum arbusculum (R.Br.) Moq. See *Pachycornia arbuscula*.
Bassia biflora (R.Br.) F. Muell. See *Dissocarpus biflorus*.
Bassia biflora var. *cephalocarpa* (F. Muell.) R. H. Anderson. See *Dissocarpus biflorus* var. *cephalocarpa*.
Bassia birchii (F. Muell.) F. Muell. See *Sclerolaena birchii*.
Bassia brachyptera (F. Muell.) R. H. Anderson. See *Sclerochlamys brachyptera*.
Bassia caput-casuarii J. H. Willis. See *Sclerolaena caput-casuarii*.
Bassia diacantha (Nees) F. Muell. See *Sclerolaena diacantha*.
Bassia divaricata (R.Br.) F. Muell. See *Sclerolaena divaricata*.
Bassia intricata R. H. Anderson. See *Sclerolaena intricata* in New Records—Indigenous Plants.
Bassia obliquicuspis R. H. Anderson. See *Sclerolaena obliquicuspis*.
Bassia paradoxa (R.Br.) F. Muell. See *Dissocarpus paradoxa*.
Bassia parviflora R. H. Anderson. See *Sclerolaena parviflora*.
Bassia patenticuspis R. H. Anderson. See *Sclerolaena patenticuspis*.
Bassia quinquecuspis (F. Muell.) F. Muell. See *Sclerolaena muricata*.
Bassia quinquecuspis var. *villosa* (Benth.) R. H. Anderson. See *Sclerolaena muricata* var. *villosa*.
Bassia ramsayae J. H. Willis. See *Sclerolaena ramsayae*.
Bassia stelligera (F. Muell.) F. Muell. See *Stelligera endecaspinis*.
Bassia tricuspis (F. Muell.) R. H. Anderson. See *Sclerolaena tricuspis*.
Bassia uniflora (R.Br.) F. Muell. See *Sclerolaena uniflora*.
Blakeochloa paradoxa (R.Br.) Veldkemp, *Taxon* 29: 296(1980). Basionym: *Danthonia paradoxa* R.Br. Synonym: *Plinthanthesis paradoxa* (R.Br.) S. T. Blake. See *Danthonia*.
Caladenia carnea R.Br. See *C. catenata*.
Caladenia carnea R.Br. var. *gigantea* R. S. Rogers. See *C. catenata* var. *gigantea*.
Caladenia catenata (Sm.) Druce in *Rep. Bot. Soc. Exch. Club Brit. Isles* 1916: 611(1917). Basionym: *Arethusa catenata* Sm. *Exot. Bot.* t. 104 (1804-06). Synonym: *C. carnea* R. Br., teste W. M. Curtis, *Stud. Fl. Tas.* 4A: 106(1980).
Caladenia catenata (Sm.) Druce var. *gigantea* (R. S. Rogers) W. M. Curtis, *Stud. Fl. Tas.* 4A: 133(1980). Synonym: *C. carnea* R.Br. var. *gigantea* R. S. Rogers.
Caladenia huegelii Reichenb.f. var. *reticulata* (R. D. FitzG.) J. Z. Weber & R. Bates in J. M. Black, *Fl. S. Aust.* ed. 3, pt 1 (revised Jessop): 397(1978). Synonym: *C. reticulata* R. D. FitzG. See R. Bates in *Native Orchid Soc. S. Aust. J.* 3: 16(1979).
Caladenia reticulata R. D. FitzG. See *C. huegelii* var. *reticulata*.
Ciclospermum leptophyllum (Pers.) Sprague, *J. Bot.* 1923, 61: 131 in obs. (as *Cyclospermum*). Synonym: *Apium leptophyllum* (Pers.) F. Muell. teste Short, *J. Adelaide Bot. Gard.* 1: 205, 206, 233(1979).
Cyperus hamulosus Bieb., *Fl. Taur.-Caucasica* 1: 35(1808). Synonym: *Scirpus hamulosus* (Bieb.) Steven. See Raynal, *Adansonian*, ser. 2, 6: 581-88(1967).
Cyperus lhotskyanus Boeck., *Bot. Jahrb. Syst.* 5: 498(1884). Synonym: *C. rutilans* (C. B. Clarke) Maiden et Betche. See K. Wilson, *Telopea* 1: 464(1980).
Cyperus rutilans (C. B. Clarke) Maiden et Betche. See *C. lhotskyanus* Boeck.
Danthonia Lam. & DC. Pending a revision of the genus *Danthonia* on a worldwide basis it seems best to continue to use this name for the 24 species that Willis (1970) placed in *Danthonia* and the additional species (*D. monticola* Vickery) which is recorded for Victoria on p. 430 of this paper. Studies by Zotov (1963) and Blake (1962) showed proposals for a number of new names to be applied to 12 of these species and the situation was summarized in the first number of this Conspectus (Todd 1979: 188). Since then two major papers have been published on this subject.

Connor & Edgar (*New Zealand J. Bot.* 17: 311-337(1979)), revised the New Zealand species of *Danthonia* which had been placed in *Notodanthonia* by Zotov and referred them all to the genus *Rytidosperma* Steudel, an earlier valid name for *Notodanthonia*. They also made combinations under *Rytidosperma* for the Australian species which they regarded as referable to that genus. Connor & Edgar (l.c., 312) also summarized the literature published since 1963 on *Danthonia* sensu lato and noted that Conert (1971, 1975) and Kabuye & Renvoize (1975) both allude to the need for study of American taxa.

The second paper (Veldkamp, *Taxon* 29: 293-298(1980)) included a proposal to conserve the name *Notodanthonia* against three earlier names (*Plinthanthesis* Stuedel (1853) non S. T. Blake (1972), *Rytidosperma* Steudel (1854) and *Monostachya* Merr. (1910)) on the grounds that it is best known for the genus, longest in general use and requires the fewest new combinations. Veldkamp also made the remaining new combinations required under *Notodanthonia*, including Australian species. He included *D. pallida* R. Br. in *Notodanthonia* while Connor & Edgar commented on the chionochlooid disposition of its lemma hairs and excluded it from *Rytidosperma* for that reason. They did not, however, publish the appropriate combination under *Chionochloa*.

The new name *Blakeochloa* Veldkamp was published (Veldkamp, l.c.: 296 (1980)) for the species that Blake referred to *Plinthanthesis* and the necessary new combinations made (see *B. paradoxa*).

Worldwide revision of the genus *Danthonia* sensu lato may show that it is desirable to separate the genus for which it is proposed that the name *Notodanthonia* be conserved. By that time it is likely that the decision regarding the conservation of the name *Notodanthonia* will have been made. In the meantime the use of the name *Danthonia* sens. lat. for the species in Victoria is recommended.

Danthonia tenuior (Steudel) Conert, *Senckenberg. Biol.* 56(1/3): 163(1975). Basionym: *Plinthanthesis tenuior* Steudel, Syn. P1. Glumac., Pars 1. Gramin. 14(1854). Synonym: *D. purpurascens* Vickery.

Daviesia arenaria M. D. Crisp, *J. Adelaide Bot. Gard.* 2: 163(1980).

Synonym: *D. ulicina* Sm. var. *ruscifolia* (A. Cunn. ex Benth.) J. M. Black, non *D. ruscifolia* A. Cunn. ex Benth. Included in *D. ulicifolia* Andr. by J. H. Willis (1973, 258).

Daviesia ulicina Sm. var. *ruscifolia* (A. Cunn. ex Benth.) J. M. Black. See *D. arenaria*.

Dissocarpus biflorus (R.Br.) F. Muell., *Trans. Phil. Inst. Vict.* 2: 75(1858). Basionym: *Sclerolaena biflora* R.Br. Synonym: *Bassia biflora* (R.Br.) F. Muell. teste Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89(2-3): 118(1978).

Dissocarpus biflorus var. ***cephalocarpa*** (F. Muell.) A. J. Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89(2-3): 118(1978). Basionym: *Sclerolaena biflora* var. *cephalocarpa* F. Muell., *Fragm. Phytogr. Austr.* 8: 38(1873). Synonym: *Bassia biflora* var. *cephalocarpa* (F. Muell.) R. H. Anderson.

Dissocarpus paradoxa (R.Br.) F. Muell. ex Ulbrich in Engler & Harms, *Natürl. Pflanzenfam.*, ed. 2, 16c: 533(1934). Basionym: *Sclerolaena paradoxa* R.Br. Synonym: *Bassia paradoxa* (R.Br.) F. Muell. teste Scott, l.c. 118.

Epilobium adenocaulon Hausskn. See *E. ciliatum* Raf. ssp. *ciliatum*.

Epilobium ciliatum Raf., *Med. Repos. II*: 5: 361(1808) ssp. *ciliatum*. Synonym: *E. adenocaulon* Hausskn. teste Hock & Raven, *Ann. Missouri Bot. Gard.* 64(1): 136(1977).

Eucalyptus angophoroides R. T. Baker, *Proc. Linn. Soc. N.S.W.* 25: 676, t. 46, figs. 4a-c(1901). Willis (1973, 431) included this species in *E. bridgesiana* R. T. Baker. M. I. H. Brooker, CSIRO Div. Forest Research (pers. comm. March, 1979) regards the two species as distinct.

Eucalyptus bridgesiana R. T. Baker. See *E. angophoroides*.

Eucalyptus leucoxydon F. Muell. ssp. *leucoxydon*. — Boland, *Austral. Forest Res.* 9: 66(1979), has chosen a new lectotype for this species. He gives the following as synonyms: *E. leucoxydon* var. *rugulosa* F. Muell. ex Miq., Miquel, Ned.

- Kruidk. Arch. 4: 127(1856); *E. leucoxyton* var. *erythrostema* F. Muell. ex Miq., Miquel, Ned. Kruidk. Arch. 4: 127(1856) and *E. leucoxyton* var. *angulata* Benth., Fl. Austr. 3: 210(1867) pro parte.
- Eucalyptus leucoxyton** var. *erythrostema* sens. Willis (1973, 422). See *E. leucoxyton* ssp. *megalocarpa*.
- Eucalyptus leucoxyton** ssp. *megalocarpa* Boland, *Austral. Forest Res.* 9: 68(1979)—“a sub-species differing from ssp. *leucoxyton* in the longer fruit (more than 25 mm long)”. This is from the population which J. E. Brown described as var. *macrocarpa*—a name which was illegitimate when published as it included the previously published taxon var. *erythrostema* F. Muell. ex Miq. Boland considers the latter to be within *E. leucoxyton* ssp. *leucoxyton*.
- Eucalyptus leucoxyton** ssp. *pruinosa* (F. Muell. ex Miq.) Boland, *Austral. Forest Res.* 9: 68(1979). Basionym: *E. leucoxyton* var. *pruinosa* F. Muell. ex Miq., Ned. Kruidk. Arch. 4: 127(1856). Synonym: *E. leucoxyton* var. *pauperita* J. E. Brown, Forest Fl. S. Aust. (1883).
- Eupatorium adenophorum** Spreng., Syst. Veg. 3: 420(1826). Synonym: *E. glandulosum* auct. non Michx. teste Auld, *J. Austral. Inst. Agric. Sci.* 146-147 (Sept./Dec. 1977).
- Eupatorium glandulosum** auct. non. Michx. See *E. adenophorum* Spreng.
- Ferraria crispa** Burm., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 2: 199(1791) ssp. *crispa*. Synonym: *F. undulata* L., Spec. Pl., ed. 2, 2: 1353(1763)—nom. superfl., teste M. P. de Vos, *J. S. African Bot.* 45: 341(1979).
- Ferraria undulata** L. See *F. crispa* ssp. *crispa*.
- Fimbristylis squarrosa** Vahl in Victoria. See *F. velata*.
- Fimbristylis velata** R.Br., Prodr. Fl. Novae Holl. 227(1810). Synonym: *F. squarrosa* Vahl var. *esquarrosa* Makino, *Bot. Mag. (Tokyo)* 17: 47(1903) teste Govindarajulu, *Reinwardtia* 8: 509-13(1974). Victorian specimens at MEL confirm Jessop's view (Black, Fl. S. Aust., ed. 3, pt 1 (revised Jessop): 273(1978)) that var. *esquarrosa* is the variety of *F. squarrosa* which is present in Australia.
- Gladiolus cuspidatus** Jacq. See *G. undulatus*.
- Gladiolus undulatus** L., Mant. Pl. 1: 27(1769). Synonym: *G. cuspidatus* Jacq. teste Lewis et al., *J. S. African Bot. Suppl. Vol.* 10: 110(1972).
- Kickxia elatine** (L.) Dumort. Material in Victoria all appears to belong to the ssp. *crinita* (Mabille) W. Greuter, *Boissiera* 13: 108(1967), (synonym: *K. sieberi* (Reichenb.) Dorfl.). As far as can be seen from the collections at MEL the ssp. *elatine* has not been collected in Victoria (R. V. Smith, pers. comm. July, 1979. Tutin et al., Fl. Europaea 3: 238(1972) was consulted in coming to these conclusions).
- Kickxia sieberi** (Reichenb.) Dorfl. See *K. elatine*.
- Leichardtia** is the correct spelling for this generic name (Bullock, *Kew Bull.* 1956: 287(1956)).
- Limonium lobatum** (L. f.) O. Kuntze, Revisio Generum Pl. 2: 395(1891). Basionym: *Statice lobata* L. f., Suppl. 187(1781). Synonym: *L. thouinii* (Viv.) O. Kuntze teste Erben, *Mitt. Bot. Staatssamml. München* 14: 395-397(1978).
- Limonium thouinii** (Viv.) O. Kuntze. See *L. lobatum*.
- Luzula australasica** auct. non Steudel. Teste Jansen, *Blumea* 24: 527-532(1978), Tasmanian material referred to *L. australasica* by Nordenskiöld, *Bot. Not.* 122: 79(1969) and Edgar, *N. Zealand J. Bot.* 13: 781-802(1975) is referable to *L. modesta* Buchenau (endemic in Tasmania), while mainland material, including Victorian, referred to *L. australasica* by Nordenskiöld, l.c., is referable to *L. ovata* Edgar.
- Luzula australasica** Steudel (1855). The type has now been located in Paris and is referable to the taxon formerly known as *L. oldfieldii* Hook.f. (1858), a Tasmanian endemic. As *L. australasica* is the older name it must now be applied to this taxon, which becomes *L. australasica* Steudel ssp. *australasica*. For the names which should now be used for the taxa formerly known as *L. australasica* see *L. australasica* auct. non Steudel. See Jansen, *Blumea* 24: 527-32(1978).

- Luzula australasica** Steudel ssp. **dura** (Edgar) M. Jansen, *Blumea* 24: 531 (1978). Basionym: *L. oldfieldii* Hook.f. ssp. **dura** Edgar, *New Zealand J. Bot.* 13: 789(1975).
- Luzula modesta** Buchenau (a Tasmanian endemic). See *L. australasica* auct. non Steudel.
- Luzula oldfieldii** Hook.f. See *L. australasica* Steudel.
- Luzula oldfieldii** Hook.f. ssp. **dura** Edgar. See *L. australasica* Steudel ssp. **dura**.
- Microtis oblonga** R. S. Rogers. See *M. rara*.
- Microtis rara** R.Br., Prodr. Fl. Novae Holl. 321(1810). Synonym: *M. oblonga* R. S. Rogers, teste W. M. Curtis Stud. Fl. Tas. 4A: 59(1980).
- Nicandra physalodes** (L.) Gaertn. This spelling and authority replaces *N. physaloides* Gaertn. Basionym: *Atropa physalodes* L., Spec. Pl. 181(1753). See Horton, *J. Adelaide Bot. Gard.* 1: 351-352(1979).
- Nicandra physaloides** Gaertn. See *N. physalodes*.
- Notodanthonia** Zotov. See *Danthonia*.
- Oplismenus aemulus** (R.Br.) Roem. & Schult. See *O. hirtellus*.
- Oplismenus hirtellus** (L.) P. Beauv., Essai Nouv. Agrost. 54, 170(1812). Basionym: *Panicum hirtellum* L., Syst. Naturae ed. 10,2: 870(1759). Synonyms: *O. aemulus* (R.Br.) Roem. & Schult.; *O. imbecillis* (R. Br.) Roem. & Schult., Syst. Veg. 2: 487(1817).
- Oplismenus imbecillis** (R.Br.) Roem. & Schult. See *O. hirtellus*.
- Oxalis corniculata** L. Lourteig, *Phytologia* 42: 57-198(1979), in a worldwide revision of *Oxalis* sect. Corniculatae DC., records the presence of this introduced species in Victoria and also that of the native *O. perennans* Haw. which has previously been included in *O. corniculata* L. in Australia. She also records the presence in Victoria of *O. exilis* Cunningham, *Ann. Nat. Hist.* 3: 316(1839), and *O. radicata* A. Richard, Tentamen Fl. Abyssinicae 1: 123(1847). Whether these are distinct enough to be separated from *O. corniculata* remains to be checked in field and laboratory studies.
- Pachycornia arbuscula** (R.Br.) A. J. Scott, *Bot. J. Linn. Soc.* 75: 369(1977). Basionym: *Salicornia arbuscula* R.Br. Synonym: *Arthrocnemum arbusculum* (R.Br.) Moq.
- Parentucellia latifolia** (L.) Caruel in Parl., Fl. Italiana 6: 842(1885). Ssp. *latifolia* is the subspecies naturalized in Australia. See Hedge, *Notes Roy. Bot. Gard. Edinburgh* 36: 11(1978).
- Plantago arenaria** Waldst. & Kit., Descript. Icon. Pl. Rariorum Hungariae 1:51(1801). Synonyms: *P. psyllium* L., nom. ambig.; *P. indica* L., nom. illegit. teste D. Cartier in Tutin et al., Fl. Europaea 4: 43(1976).
- Plantago indica** L., nom. illegit. See *P. arenaria*.
- Plinthanthesis** Steudel (1853) non S. T. Blake. See *Danthonia*.
- Plinthanthesis paradoxa** (R.Br.) S. T. Blake. See *Blakeochloa paradoxa*.
- Prasophyllum album** R. S. Rogers. Synonym: *P. odoratum* R. S. Rogers var. *album* (R. S. Rogers) R. S. Rogers. See W. M. Curtis, Stud. Fl. Tas. 4A: 69(1980).
- Prasophyllum fuscum** R.Br. var. **fuscum**. Synonym: *P. gracile* R. S. Rogers non Lindl. See Weber & Bates in J. M. Black, Fl. S. Aust., ed. 3, pt 1 (revised Jessop): 429(1978), and Bates in *Native Orchid Soc. S. Aust. J.* 3: 16(1979).
- Prasophyllum gracile** R. S. Rogers non Lindl. There are differing opinions about this taxon. See *P. fuscum* var. *fuscum*. See also W. M. Curtis, Stud. Fl. Tas. 4A: 72(1980).
- Prasophyllum odoratum** R. S. Rogers. There are differing opinions about the status of this taxon. See *P. patens* var. *patens*. See also W. M. Curtis, Stud. Fl. Tas. 4A: 68(1980).
- Prasophyllum odoratum** R. S. Rogers var. **album** (R. S. Rogers) R. S. Rogers. There are differing opinions about the status of this taxon. See *P. album* and *P. patens* var. *patens*.

- Prasophyllum patens** R.Br. var. **patens**. Synonym: *P. odoratum* R. S. Rogers and *P. odoratum* R. S. Rogers var. *album* (R. S. Rogers) R. S. Rogers. See Weber & Bates in J. M. Black, Fl. S. Aust., ed. 3, pt 1 (revised Jessop): 434(1978), and Bates in *Native Orchid Soc. S. Aust. J.* 3: 17(1979).
- Pterostylis alata** (Labill.) Reichenb.f. var. **robusta** (R. S. Rogers) J. Z. Weber & R. Bates in J. M. Black, Fl. S. Aust., ed. 3, pt 1 (revised Jessop): 437(1978). Basionym: *P. robusta* R. S. Rogers. Synonym: *P. scabra* Lindl. var. *robusta* (R. S. Rogers) A. S. George. See Bates in *Native Orchid Soc. S. Aust. J.* 3:18(1979).
- Pterostylis aphylla** Lindl., *Genera & Spec. Orchidaceous Pl.* 392(1840). Considered to be distinct from *P. parviflora* R.Br. in Tasmania. See W. M. Curtis, *Stud. Fl. Tas.* 4A: 24(1980).
- Pterostylis parviflora** R.Br. See *P. aphylla*.
- Pterostylis scabra** Lindl. var. **robusta** (R. S. Rogers) A. S. George. See *P. alata* var. *robusta*.
- Rytidosperma** Steudel. See *Danthonia*.
- Salicornia blackiana** Ulbrich. See *Sarcocornia blackiana*.
- Salicornia quinqueflora** Bunge ex Ungern-Sternberg. See *Sarcocornia quinqueflora*.
- Sarcocornia blackiana** (Ulbrich) A. J. Scott, *Bot. J. Linn. Soc.* 75: 369 (1977). Basionym: *Salicornia blackiana* Ulbrich.
- Sarcocornia quinqueflora** (Bunge ex Ungern-Sternberg) A. J. Scott, *Bot. J. Linn. Soc.* 75: 368(1977). Basionym: *Salicornia quinqueflora* Bunge ex Ungern-Sternberg.
- Scirpus hamulosus** (Bieb.) Steven. See *Cyperus hamulosus*.
- Sclerochlamys brachyptera** F. Muell. Synonym: *Bassia brachyptera* (F. Muell.) R. H. Anderson teste Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89: 115(1978).
- Sclerolaena birchii** (F. Muell.) Domin, *Biblioth. Bot.* 89: 623(1921). Synonym: *Bassia birchii* (F. Muell.) F. Muell. teste Scott, l.c. 111.
- Sclerolaena caput-casuarii** (J. H. Willis) A. J. Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89: 111(1978). Basionym: *Bassia caput-casuarii* J. H. Willis.
- Sclerolaena diacantha** (Nees) Benth., *Fl. Austr.* 5: 194(1870). Synonym: *Bassia diacantha* (Nees) F. Muell. teste Scott, l.c. 112.
- Sclerolaena divaricata** (R.Br.) Domin, *Biblioth. Bot.* 89: 624(1921). Basionym: *Anisacantha divaricata* R.Br. teste Scott, l.c. 112. Synonym: *Bassia divaricata* (R.Br.) F. Muell.
- Sclerolaena muricata** (Moq.) Domin, *Biblioth. Bot.* 89: 624(1921). Basionym: *Anisacantha muricata* Moq., *Chenopodearum Monogr. Enum.* 84(1840). Synonym: *Bassia quinquecuspis* (F. Muell.) F. Muell. teste Scott, l.c. 113.
- Sclerolaena muricata** var. **villosa** (Benth.) Ulbrich, in Engler & Harms, *Natürl. Pflanzenfam.*, ed. 2, 16c: 533(1934). Basionym: *Anisacantha muricata* var. *villosa* Benth., *Fl. Austr.* 5: 199(1870). Synonym: *Bassia quinquecuspis* var. *villosa* (Benth.) R. H. Anderson teste Scott, l.c. 113.
- Sclerolaena obliquicuspis** (R. H. Anderson) Ulbrich, in Engler & Harms, *Natürl. Pflanzenfam.*, ed. 2, 16c: 533(1934). Basionym: *Bassia obliquicuspis* R. H. Anderson teste Scott, l.c. 113.
- Sclerolaena parviflora** (R. H. Anderson) A. J. Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89: 114(1978). Basionym: *Bassia parviflora* R. H. Anderson.
- Sclerolaena patentiscuspis** (R. H. Anderson) Ulbrich, in Engler & Harms, *Natürl. Pflanzenfam.*, ed. 2, 16c: 534(1934). Basionym: *Bassia patentiscuspis* R. H. Anderson teste Scott, l.c. 114.
- Sclerolaena ramsayae** (J. H. Willis) A. J. Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89: 114(1978). Basionym: *Bassia ramsayae* J. H. Willis.
- Sclerolaena tricuspis** (F. Muell.) Ulbrich, in Engler & Harms, *Natürl. Pflanzenfam.*, ed. 2, 16c: 534(1934). Synonym: *Bassia tricuspis* (F. Muell.) R. H.

- Anderson teste Scott, l.c. 114.
- Sclerolaena uniflora** R.Br. Synonym: *Bassia uniflora* (R.Br.) F. Muell. teste Scott, l.c. 114.
- Solanum brownii** Dunal, Hist. Nat. Solanum 201(1813). Synonym: *S. violaceum* R.Br. (1810) non Ortega (1798) teste Hepper, *Bot. J. Linn. Soc.* 76: 291-292(1978).
- Solanum hermannii** Dunal, Hist. Nat. Solanum 212, t. 2 fig. B (1813). Synonym: *S. sodomeum* auctt. non L. teste Hepper, l.c. 292 and *Taxon* 27: 555(1978).
- Solanum sodomeum** auctt. non L. See *S. hermannii*.
- Solanum violaceum** R.Br. See *S. brownii*.
- Solenogyne bellioides** Cass. var. *gunnii* (Hook.f.) G. L. Davis. See *S. gunnii*.
- Solenogyne gunnii** (Hook.f.) Cabrera, *Blumea* 14: 307(1966). Synonym: *S. bellioides* Cass. var. *gunnii* (Hook.f.) G. L. Davis teste L. G. Adams, *Brunonia* 2: 55(1979).
- Sonchus asper** (L.) Hill. forma *hydrophilus* (Boulos) Koster, *Blumea* 23: 165(1976). Basionym: *S. hydrophilus* Boulos in Eichler, *Suppl. Black's Fl. S. Aust.* ed. 2: 331(1965).
- Sonchus hydrophilus** Boulos. See *S. asper* forma *hydrophilus*.
- Spiranthes sinensis** (Pers.) Ames. The taxon found in Australia is the ssp. *australis* (R.Br.) Kitamura, teste W. M. Curtis, *Stud. Fl. Tas.* 4A: 128(1980).
- Stelligera endecaspinis** A. J. Scott, *Feddes Repert. Spec. Nov. Regni Veg.* 89: 115(1978). Synonym: *Bassia stelligera* (F. Muell.) F. Muell.
- Stipa compacta** D. K. Hughes. See *S. flavescens*.
- Stipa elatior** (Benth.) D. K. Hughes. See *S. flavescens*.
- Stipa falcata** D. K. Hughes, *Kew Bull.* 1921: 14(1921). Teste Townrow, *Pap. & Proc. Roy. Soc. Tas.* 112: 267-270(1978) this species is distinct from *S. variabilis* D. K. Hughes.
- Stipa flavescens** Labill., *Novae Holl. Pl. Specim.* 1: 4(1804) includes both *S. elatior* (Benth.) D. K. Hughes and *S. compacta* D. K. Hughes teste Townrow, l.c. 237.
- Stipa mollis** R.Br., *Prodr.* 174(1810). Synonym: *S. semibarbata* R.Br. var. *mollis* (R.Br.) Benth. teste Townrow, l.c. 242.
- Stipa pubescens** auctt. Vict. non R.Br. See *S. pubinodis*.
- Stipa pubinodis** Trinius et Ruprecht, *Mém. Acad. Imp. Sci. St.-Petersbourg, Sér. 6, Sci. Math.* 5: 50(1843) preprinted as *Species Graminum Stipaceorum*, Petropol. (1842). Synonym: *S. pubescens* auctt. Vict. non R.Br. teste Townrow, l.c. 251-255.
- Stipa semibarbata** R.Br. var. *mollis* (R.Br.) Benth. See *S. mollis*.
- Thelymitra aristata** sens. auct. Austr. non Lindl. See *T. megalyptra*.
- Thelymitra carnea** R.Br. var. *rubra* (R. D. FitzG.) J. Z. Weber & R. Bates in J. M. Black, *Fl. S. Aust.*, ed. 3, pt 1 (revised Jessop): 455 (1978). Synonym: *T. rubra* R. D. FitzG. See Bates in *Native Orchid Soc. S. Aust. J.* 3: 18(1979).
- Thelymitra decora** Cheeseman, *Manual New Zealand Fl.* 1151(1906). Synonym: *T. ixioides* Sw. var. *truncata* (R. S. Rogers) W. H. Nicholls and *T. truncata* R. S. Rogers. See Weber & Bates in J. M. Black, *Fl. S. Aust.* ed. 3, pt 1 (revised Jessop): 456(1978), and R. Bates in *Native Orchid Soc. S. Aust. J.* 3: 18(1979).
- Thelymitra ixioides** Sw. var. *truncata* (R. S. Rogers) W. H. Nicholls. There are differing opinions about the status of this taxon. See *T. decora* and *T. truncata*.
- Thelymitra megalyptra** R. D. FitzG. Synonym: *T. aristata* Lindl. var. *megalyptra* (R. D. FitzG.) W. H. Nicholls. The species previously known erroneously as *T. aristata* has recently been referred to as *T. megalyptra*. The application of the name *T. aristata* is not clear. The complex which contains *T. aristata* sens. auct. Austr., as well as *T. pauciflora* R.Br., *T. nuda* R.Br. and *T. longifolia* J. R. & G. Forst., is in need of further study.
- Thelymitra rubra** R. D. FitzG. See *T. carnea* var. *rubra*.

- Thelymitra truncata** R. S. Rogers. Synonym: *T. ixioides* Sw. var. *truncata* (R. S. Rogers) W. H. Nicholls. See W. M. Curtis, Stud. Fl. Tas. 4A: 45(1980).
Trithuria—transferred to the new family Hydatellaceae by Hamaan, *New Zealand J. Bot.* 14: 193-196(1976).
Uncinia compacta R.Br., Prodr. 24 (1810). Synonym: *U. flaccida* S. T. Blake teste Nooteboom, *Blumea* 24: 516(1978).
Uncinia flaccida S. T. Blake. See *U. compacta*.

CORRECTIONS TO CONSPECTUS 1.

- Erigeron conyzoides** F. Muell. was given on p. 183 as an introduced species. It should have been included amongst the indigenous as Mueller described the species in 1855 from material collected "On the sources of the Murray and Snowy rivers at about 4,000-5,000 ft." (*Trans. Philos. Soc. Vict.* 1: 105(1855)).
Juncus kraussii Hochst. was given on p. 178 as an additional indigenous species. However, according to Dr. L. A. S. Johnson (pers. comm. 1980), the form of this species which is present in Australia has been known here previously as *J. maritimus* Lam. var. *australiensis* Buch. and is recorded under that name by Willis (1970). The new combination of the variety under *J. kraussii* has not yet been made.
Microtis holmesii W. H. Nicholls. See *M. parviflora*. (Insert on p. 194).
Microtis unifolia (Forst.f.) Reichenb.f., on p. 194. Alter the synonym *M. bilobata* to *M. biloba*.
Solanum gracilius Herter was listed on p. 181 as indigenous. It is, however, introduced, being native to South America.

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REFERENCES

- Churchill, D. M. and de Corona, A. (1972). 'The Distribution of Victorian Plants'. (Melbourne).
 Todd, M. A. (1979). A conspectus of new records and nomenclature for vascular plants in Victoria during the period 1970-1977. *Muelleria* 4: 173-199(1979).
 Willis, J. H. (1970). 'A Handbook to Plants in Victoria 1, Ferns, Conifers & Monocotyledons'. ed. 2. (Melbourne University Press: Melbourne).
 Willis, J. H. (1973, not 1972). 'A Handbook to Plants in Victoria 2, Dicotyledons'. (Melbourne University Press: Melbourne).